APPLICANT: **UVU Technology Co., Ltd.**
FCC ID: **2ACKR-I4**

The theory of **Watch** (Model: **I4**):

1, MCU Unit: Processor running the embedded software. It can deal with all signal (e.g. Ambient Temperature, Skin Temperature) or communication with smart phone via BT, and then show the information on the LED Screen. The Crystal frequency is 32.768kHz.

2, RF Unit: RF unit use Bluetooth technology. It can transmit-receive information with smart phone and communication with MCU unit. The Crystal frequency is 32.000MHz.

3, Product uses a chip antenna. The antenna gain is 0dBi.

4, Battery: Providing power for the product operating.

5, LED Screen: It can show all information.

6, This is a Bluetooth 4.0 device, operation frequency is basically stabilized.

7, Each new transmission event begins on the next channel in the hopping sequence after the final channel used in the previous transmission event, So each frequency is used equally on the average by each transmitter.

8, The associated bandwidth requirements of the associated receiver must meet the bandwidth of the transmitter and that they were tested together to assure that they operated together successfully and maintained synchronization

9, System operating frequency change by internal random number generator, it can not know external frequency occupancy, so it can not avoid frequency interference.